

ENVIRONMENTAL MONITOR REPORT
FEBRUARY 1, 2018 – FEBRUARY 28, 2018

Distribution

This report was sent to the following individuals via. e-mail:

Greg Kwon, *Resident Engineer* MADOT, Greg.Kwon@dot.state.ma.us
John Viens, *Site Superintendent*, D.W. White, jviens@dwwhite.com
Delia Kaye, *Natural Resources Director*, Town of Concord, dkaye@concordma.gov

The following individuals were also CC'd via e-mail:

Mark Cain, MADOT, mark.cain@dot.state.ma.us
Ann Roche, MADOT, ann.roche@dot.state.ma.us
Amy Lynch, MADOT, amy.lynch@dot.state.ma.us
Tim Kelley, *Project Manager*, D.W. White, tkelley@dwwhite.com
Rich Kirby, *Environmental Monitor Team member*, LEC, RKirby@lecenvironmental.com

STATUS OF CONSTRUCTION

Construction has paused due to winter conditions. Limited work on the rehabilitation bridge near Brookside Square will begin next week. Work includes installing safety decking under the bridge.

WEATHER

The weather station at Hanscom Airfield records and publishes real-time precipitation data (USGS 01100568). According to the weather station, seven precipitation events which totaled to be 0.25", 0.28", 0.72", 0.28", 0.76", 0.33", and 0.50" occurred.

SWPPP REPORTS

Copies of the reports are kept in the construction trailer. Copies of the SWPPP Reports are included in this report as an attachment.

OBSERVATIONS

PRIME preformed a site walk on February 13, 2018. An 8' section of straw wattle required repair near the serpentine path. The contractor repaired the straw wattle on February 15, 2018. Photos of the site walk are included in the Photographic Documentation appendix.



ENVIRONMENTAL MONITOR REPORT
FEBRUARY 1, 2018 – FEBRUARY 28, 2018

GENERAL SUMMARY

Construction has paused due to winter conditions. Limited work on the rehabilitation bridge near Brookside Square will begin next week. Work includes installing safety decking under the bridge. Erosion control was monitored and no visible sediment washout was entering resource areas.

SWPPP REPORTS

General Information

(see reverse for instructions)

Name of Project	Bruce Freeman Rail Trail	CGP Tracking No.	MAR10008B	Inspection Date	2/6/18
Inspector Name, Title & Contact Information	John Viens- Supt. D. W. White Construction, Inc., 867 Middle Rd. Acushnet, MA 02743, jviens@dwwhite.com, (774) 320-5830				
Present Phase of Construction	WINTER SHUT DOWN				
Inspection Location (if multiple inspections are required, specify location where this inspection is being conducted)	ENTIRE SITE				
<p>Inspection Frequency (Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply.)</p> <p>Standard Frequency: <input type="checkbox"/> Weekly <input checked="" type="checkbox"/> Every 14 days and within 24 hours of a 0.25" rain</p> <p>Increased Frequency: <input checked="" type="checkbox"/> Every 7 days and within 24 hours of a 0.25" rain (for areas of sites discharging to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3)</p> <p>Reduced Frequency:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Once per month (for stabilized areas) <input checked="" type="checkbox"/> Once per month and within 24 hours of a 0.25" rain (for arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought) <input type="checkbox"/> Once per month (for frozen conditions where earth-disturbing activities are being conducted) 					
<p>Was this inspection triggered by a 0.25" storm event? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, how did you determine whether a 0.25" storm event has occurred? WANS COM FIELD</p> <p><input type="checkbox"/> Rain gauge on site <input checked="" type="checkbox"/> Weather station representative of site. Specify weather station source:</p> <p>Total rainfall amount that triggered the inspection (in inches): 2/2/18 .27" 2/5/18 .28"</p>					
<p>Unsafe Conditions for Inspection</p> <p>Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If "yes", complete the following:</p> <ul style="list-style-type: none"> - Describe the conditions that prevented you from conducting the inspection in this location: - Location(s) where conditions were found: 					

Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.1) (see reverse for instructions)

Type/Location of E&S Control [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. <i>N/A</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>NONE</i>	<i>NO VISIBLE SIGNS OF ANY DISTURBANCE</i>
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

* Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3) (see reverse for instructions)				
Type/Location of P2 Practices [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	N/A
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

* **Note:** The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Stabilization of Exposed Soil (CGP Part 2.2) (see reverse for instructions)			
Stabilization Area [Add an additional sheet if necessary]	Stabilization Method	Have You Initiated Stabilization?	Notes
1. N/A	N/A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, provide date:	NO WORK BEING PERFORMED
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	

Description of Discharges (CGP Part 4.1.6.6) (see reverse for instructions)	
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "yes", provide the following information for each point of discharge:	
Discharge Location [Add an additional sheet if necessary]	Observations
1. NONE VISIBLE	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:
2.	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:

Contractor or Subcontractor Certification and Signature
(see reverse for instructions)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Contractor or Subcontractor: _____

Date: _____

Printed Name and Affiliation: _____

John Viens
JOHN VIENS DW WHITE CONST.

2/6/18

Certification and Signature by Permittee
(see reverse for instructions)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Permittee or

"Duly Authorized Representative": _____

Date: _____

Printed Name and Affiliation: _____

General Information

(see reverse for instructions)

Name of Project	Bruce Freeman Rail Trail	CGP Tracking No.	MAR10008B	Inspection Date	2/9/18
Inspector Name, Title & Contact Information	John Viens- Supt. D. W. White Construction, Inc., 867 Middle Rd. Acushnet, MA 02743, jviens@dwwwhite.com, (774) 320-5830				
Present Phase of Construction	NO WORK - WINTER SHUT DOWN				
Inspection Location (if multiple inspections are required, specify location where this inspection is being conducted)	ENTIRE SITE				
<p>Inspection Frequency (Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply.)</p> <p>Standard Frequency: <input type="checkbox"/> Weekly <input checked="" type="checkbox"/> Every 14 days and within 24 hours of a 0.25" rain</p> <p>Increased Frequency: <input checked="" type="checkbox"/> Every 7 days and within 24 hours of a 0.25" rain (for areas of sites discharging to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3)</p> <p>Reduced Frequency:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Once per month (for stabilized areas) <input checked="" type="checkbox"/> Once per month and within 24 hours of a 0.25" rain (for arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought) <input type="checkbox"/> Once per month (for frozen conditions where earth-disturbing activities are being conducted) 					
<p>Was this inspection triggered by a 0.25" storm event? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No HANSCOM AIR FORCE BASE</p> <p>If yes, how did you determine whether a 0.25" storm event has occurred?</p> <p><input type="checkbox"/> Rain gauge on site <input checked="" type="checkbox"/> Weather station representative of site. Specify weather station source:</p> <p>Total rainfall amount that triggered the inspection (in inches): 2/8/18 .26" 2/7/18 .35"</p>					
<p>Unsafe Conditions for Inspection</p> <p>Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If "yes", complete the following:</p> <ul style="list-style-type: none"> - Describe the conditions that prevented you from conducting the inspection in this location: - Location(s) where conditions were found: 					

Condition and Effectiveness of Erosion and Sediment (E&S) Controls (GGP Part 2.1) (see reverse for instructions)				
Type/Location of E&S Control [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. NONE AT THIS TIME	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	NO WORK BEING PERFORMED ON-SITE
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

* **Note:** The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3) (see reverse for instructions)				
Type/Location of P2 Practices [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	N/A
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

* **Note:** The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Stabilization of Exposed Soil (GGP Part 2.2) (see reverse for instructions)			
Stabilization Area [Add an additional sheet if necessary]	Stabilization Method	Have You Initiated Stabilization?	Notes
1. Pounded mill		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	NO VISIBLE WASH-OUTS NOTICED
2. SLOPES LOOK GOOD		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	

Description of Discharges (GGP Part 4.1.6.6) (see reverse for instructions)	
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If "yes", provide the following information for each point of discharge:	
Discharge Location [Add an additional sheet if necessary]	Observations
1. N/A	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:
2. N/A	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:

Contractor or Subcontractor Certification and Signature
(see reverse for instructions)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Contractor or Subcontractor: John K. ViensDate: 2/9/13Printed Name and Affiliation: JOHN K. VIENS DWW/HCTB**Certification and Signature by Permittee**
(see reverse for instructions)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Permittee or

"Duly Authorized Representative": _____

Date: _____

Printed Name and Affiliation: _____

General Information
(see reverse for instructions)

Name of Project	Bruce Freeman Rail Trail	CGP Tracking No.	MAR10008B	Inspection Date	2/13/18
Inspector Name, Title & Contact Information	John Viens- Supt. D. W. White Construction, Inc., 867 Middle Rd. Acushnet, MA 02743, jviens@dwwhite.com, (774) 320-5830				
Present Phase of Construction	WINTER SHUT DOWN - NO WORK				
Inspection Location (if multiple inspections are required, specify location where this inspection is being conducted)	ENTIRE SITE				

Inspection Frequency (Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply.)
Standard Frequency: ☐ Weekly ☐ Every 14 days and within 24 hours of a 0.25" rain

Increased Frequency: ☒ Every 7 days and within 24 hours of a 0.25" rain (for areas of sites discharging to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3)

Reduced Frequency:

- ☐ Once per month (for stabilized areas)
- ☒ Once per month and within 24 hours of a 0.25" rain (for arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought)
- ☐ Once per month (for frozen conditions where earth-disturbing activities are being conducted)

Was this inspection triggered by a 0.25" storm event? ☐ Yes ☐ No

If yes, how did you determine whether a 0.25" storm event has occurred?

- ☐ Rain gauge on site ☐ Weather station representative of site. Specify weather station source:

Total rainfall amount that triggered the inspection (in inches): 2/11/18 .29" 2/12/18 .75"

WANSCOM AIR FORCE BASE

Unsafe Conditions for Inspection

Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5? ☐ Yes ☒ No

If "yes", complete the following:

- Describe the conditions that prevented you from conducting the inspection in this location:

- Location(s) where conditions were found:

Condition and Effectiveness of Erosion and Sediment (E&S) Controls (GCP Part 2.1)

(See reverse for instructions)

Type/Location of E&S Control [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. POWDER MILL RD SERPENTINE PATH	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2/15/18	8' WIDE AREA OF STRAW WATTLE HAD SMALL AMOUNT OF FOREST MATT MATERIAL SLIGHTLY SPILLED OVER ADDED EXTRA LAYER OF STRAW WATTLE
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

* Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2/3)				
Type/Location of P2 Practices [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. <i>N/A</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>/</i>	<i>NONE AT THIS TIME</i>
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

* **Note:** The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Stabilization of Exposed Soil (CCR Part 2.2) <small>(see reverse for instructions)</small>			
Stabilization Area [Add an additional sheet if necessary]	Stabilization Method	Have You Initiated Stabilization?	Notes
1. <i>N/A</i>	<i>N/A</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	<i>NONE</i>
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO If yes, provide date:	

Description of Discharges (CCR Part 4.1.6.6) <small>(see reverse for instructions)</small>	
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No If "yes", provide the following information for each point of discharge:	
Discharge Location [Add an additional sheet if necessary]	Observations
1. <i>NONE AT THIS TIME</i>	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:
2. <i>/</i>	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:

Contractor or Subcontractor Certification and Signature
(see reverse for instructions)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Contractor or Subcontractor: John K. ViersDate: 2/15/18Printed Name and Affiliation: JOHN VIERS DW WHITE CONST.**Certification and Signature by Permittee**
(see reverse for instructions)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Permittee or

"Duly Authorized Representative": _____

Date: _____

Printed Name and Affiliation: _____

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USGS 01100568 SHAWSHEEN RIVER AT HANSCOM FIELD NEAR BEDFORD, MA

PROVISIONAL DATA SUBJECT TO REVISION

Available data for this site

Click to hidestation-specific text

LOCATION--Lat 42°28'01", long 71°16'22", Middlesex County, Hydrologic Unit 01070002, on left bank, 300 ft downstream from FAA hangar at Hanscom Field and 1.6 mi south of Bedford.

DRAINAGE AREA--2.13 mi².

PERIOD OF RECORD--Discharge: October 1995 to current year.

Precipitation: October 1996 through September 1999, October 2002 to September 2004.

Water quality: water years 1995-2001.

GAGE--Data Collection Platform with satellite telemeter. Datum of gage is 115 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS-- Discharge values are highly provisional and will change significantly after thorough check and review of data. Gage-height values are accurate. Precipitation gage re-established on site February 2013.

COOPERATION BY--U. S. Air Force

The precipitation data for this station are temporary and will only be displayed for 120 days. Time series of 15-minute or cumulative daily values WILL NOT be available for retrieval following the 120-display period. Although the instrumentation is calibrated at least once/year, the temporary classification means that documented routine inspections and other quality assurance measures are not performed that would make the data acceptable for archival, retrieval, or future use in general scientific or interpretive studies.

[Boating safety tips](#)

This station managed by the Northborough MA Field Office.

Available Parameters

Period of Record

- | | |
|---|-----------------------|
| <input type="checkbox"/> All 3 Available Parameters for this site | |
| <input type="checkbox"/> 00010 Temperature, water(Min.,Max.,Mean) | 2017-08-02 2018-03-01 |
| <input checked="" type="checkbox"/> 00045 Precipitation(Sum) | 1996-09-30 2018-03-01 |
| <input type="checkbox"/> 00060 Discharge(Mean) | 1995-10-01 2018-03-01 |

Output format

- ☐ Graph
☐ Graph w/ stats
☐ Graph w/ meas
☐ Graph w/ (up to 3) parms
☒ Table
☐ Tab-separated

Days (27) [Summary of all available data for this site](#)
[Instantaneous-data availability statement](#)

GO

-- or --

Begin date

2018-02-01

End date

2018-02-28

Daily Sum Precipitation, total, inches

DATE	Feb 2018
01	0.02 ^P
02	0.25 ^P

03	0.00 ^P
04	0.24 ^P
05	0.28 ^P
06	0.00 ^P
07	0.72 ^P
08	0.00 ^P
09	0.00 ^P
10	0.28 ^P
11	0.76 ^P
12	0.01 ^P
13	0.00 ^P
14	0.00 ^P
15	0.00 ^P
16	0.03 ^P
17	0.20 ^P
18	0.33 ^P
19	0.05 ^P
20	0.00 ^P
21	0.00 ^P
22	0.09 ^P
23	0.14 ^P
24	0.00 ^P
25	0.50 ^P
26	0.00 ^P
27	

	0.00 ^P
28	0.00 ^P
COUNT	28
MAX	0.76
MIN	0.00

Explanation

P	Provisional data subject to revision.
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Title: USGS Surface-Water Daily Data for the Nation

URL: <https://waterdata.usgs.gov/nwis/dv?>



Page Contact Information: [Massachusetts Water Data Support Team](#)

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PHOTOGRAPHIC DOCUMENTATION



BRUCE FREEMAN RAIL TRAIL
CONCORD, MA

PHOTOGRAPH LOG

JANUARY 13, 2018



EQUIPMENT AND STOCKPILE STORAGE AREA.



STATUS OF PATH LEADING TO BROOKSIDE SQUARE.



PHOTOGRAPH LOG

JANUARY 13, 2018



STATUS OF BROOKSIDE SQUARE AREA.



STATUS OF BRIDGE #C-19-038.



PHOTOGRAPH LOG

JANUARY 13, 2018



STATUS OF A TYPICAL SLOPE ALONG THE TRAIL.



STATUS OF THE STABILIZATION ALONG POWDER MILL ROAD CULVERT